

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 22301CHM — Business Continuity for Chemical Companies

ISO Certification Programme



LAPT — London Academy of Professional Training

Address 85 Great Portland Street, W1W 7LT, London, United Kingdom

Email info@lapt.org

Telephone +44 7513 283044

Web lapt.org

Reference MTL-CHM-22301CHM • ISO Materials

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	MTL-CHM-22301CHM
AWARD	Certificate
ASSESSMENT	425 marks — 255 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Business Continuity Fundamentals

5 chapters · 30 classes 125 marks

• 1 Introduction to Business Continuity in the Chemical Industry — 6 classes

› 1.1 Define Business Continuity and Its Importance in the Chemical Sector

› 1.2 Identify Key Components of a Business Continuity Plan for Chemical Companies

› 1.3 Assess Risks and Threats Specific to the Chemical Industry

› 1.4 Develop Effective Business Continuity Strategies Tailored for Chemical Operations

› 1.5 Implementing Business Continuity Plans: Best Practices for Chemical Companies

› 1.6 Evaluate and Revise Business Continuity Plans Through Simulation Exercises

• 2 Risk Assessment and Impacts in Chemical Operations — 6 classes

› 2.1 Identify Key Risks in Chemical Operations

› 2.2 Analyze Vulnerabilities in Chemical Facilities

› 2.3 Assess the Impact of Risks on Operations

› 2.4 Prioritize Risks Based on Potential Impact

› 2.5 Develop Mitigation Strategies for Identified Risks

› 2.6 Create a Risk Assessment Report for Chemical Companies

• 3 Developing Business Continuity Plans for Chemical Companies — 6 classes

› 3.1 Assess Operational Risks in Chemical Manufacturing

› 3.2 Identify Critical Business Functions for Continuity

› 3.3 Develop Business Continuity Objectives for Chemical Processes

› 3.4 Create Response Strategies for Chemical Emergencies

› 3.5 Establish Communication Plans During Disruptions

› 3.6 Test and Update Business Continuity Plans Regularly

• 4 Testing and Exercising Business Continuity Strategies — 6 classes

› 4.1 Identify Essential Business Continuity Strategies for Chemical Companies

› 4.2 Develop Effective Testing Protocols for Continuity Plans

› 4.3 Implement Simulation Exercises to Evaluate Continuity Readiness

› 4.4 Analyze Test Results to Identify Improvement Areas

› 4.5 Engage Stakeholders in Business Continuity Testing and Feedback

› 4.6 Revise and Enhance Business Continuity Strategies Based on Findings

• 5 Leadership and Communication in Business Continuity Management — 6 classes

› 5.1 Define Leadership Roles in Business Continuity Management

› 5.2 Recognize Effective Communication Strategies for Crisis Management

› 5.3 Analyze Case Studies on Leadership in Business Continuity

› 5.4 Develop a Communication Plan for Business Continuity Scenarios

› 5.5 Facilitate Team Collaboration During Disruptive Events

› 5.6 Evaluate Leadership Styles and Their Impact on Business Continuity

• 1 Understanding Business Impact Analysis in the Chemical Sector

— 6 classes

- › 1.1 Define Business Impact Analysis in the Chemical Sector
- › 1.2 Identify Key Business Functions and Processes
- › 1.3 Assess Potential Impacts of Disruptions on Operations
- › 1.4 Analyze Risks and Vulnerabilities Specific to Chemicals
- › 1.5 Prioritize Business Functions for Continuity Planning
- › 1.6 Develop Actionable Strategies for Mitigating Impacts

• 2 Identifying Critical Functions and Resources in Chemical Operations — 6 classes

- › 2.1 Define Critical Functions in Chemical Operations
- › 2.2 Identify Key Resources Supporting Critical Functions
- › 2.3 Assess the Impact of Disruptions on Operations
- › 2.4 Prioritize Critical Functions Based on Impact Assessment
- › 2.5 Develop Criteria for Evaluating Resource Importance
- › 2.6 Create a Documentation Framework for Critical Functions and Resources

• 3 Assessing the Potential Impacts of Disruptions in Chemical Production — 6 classes

- › 3.1 Identify Key Disruption Scenarios in Chemical Production
- › 3.2 Analyze Potential Financial Impacts of Production Disruptions
- › 3.3 Evaluate Operational Risks Associated with Supply Chain Interruptions
- › 3.4 Assess Human Resource Implications of Chemical Production Interruptions
- › 3.5 Prioritize Disruption Impacts for Effective Business Continuity Planning
- › 3.6 Develop Mitigation Strategies Based on Impact Assessments

• 4 Developing Impact Scenarios Specific to Chemical Incidents — 6 classes

- › 4.1 Identify Key Chemical Hazards in Your Organization
- › 4.2 Analyze Potential Impacts of Chemical Incidents
- › 4.3 Develop Realistic Scenarios for Chemical Spill Responses
- › 4.4 Assess Vulnerabilities of Current Mitigation Strategies
- › 4.5 Prioritize Impact Scenarios Based on Likelihood and Severity
- › 4.6 Create an Action Plan for Each Impact Scenario

• 5 Integrating BIA Findings into Business Continuity Planning for Chemicals — 6 classes

- › 5.1 Identify Key Business Functions Impacted by Chemical Disruptions
- › 5.2 Assess the Potential Impact of Disruptions on Critical Operations
- › 5.3 Collect and Analyze Data for Effective Business Impact Analysis
- › 5.4 Prioritize Risks and Vulnerabilities in Chemical Business Operations
- › 5.5 Develop Strategies to Mitigate Identified Risks in Business Continuity
- › 5.6 Integrate BIA Findings into Comprehensive Business Continuity Plans

• 1 Understanding Continuous Improvement in the Chemical Industry — 6 classes

- › 1.1 Define Continuous Improvement Concepts in the Chemical Industry
- › 1.2 Identify Key Drivers for Continuous Improvement in Chemical Processes
- › 1.3 Analyze Common Continuous Improvement Methodologies Used in Chemicals
- › 1.4 Evaluate the Impact of Continuous Improvement on Safety and Compliance
- › 1.5 Develop a Continuous Improvement Action Plan for Chemical Operations
- › 1.6 Implement Continuous Improvement Initiatives: Best Practices and Case Studies

• 2 Methodologies for Continuous Improvement in Practice — 6 classes

- › 2.1 Assess Current Practices Using SWOT Analysis
- › 2.2 Implement the Plan-Do-Check-Act Cycle
- › 2.3 Explore Lean Principles for Waste Reduction
- › 2.4 Utilize Six Sigma for Quality Improvement
- › 2.5 Foster a Culture of Continuous Feedback
- › 2.6 Develop an Action Plan for Sustainable Outcomes

• 3 Metrics and Measurement of Improvement — 6 classes

- › 3.1 Define Key Performance Indicators for Continuous Improvement
- › 3.2 Analyze Current Metrics for Business Continuity Success
- › 3.3 Develop a Framework for Measuring Improvement Initiatives
- › 3.4 Implement Data Collection Techniques for Continuous Monitoring
- › 3.5 Evaluate the Effectiveness of Improvement Metrics in Practice
- › 3.6 Create a Action Plan to Adjust Metrics Based on Feedback

• 4 Implementing Continuous Improvement Initiatives — 6 classes

- › 4.1 Analyze Current Processes for Improvement Opportunities
- › 4.2 Develop Key Performance Indicators for Measurement
- › 4.3 Engage Stakeholders in Continuous Improvement Planning
- › 4.4 Implement Lean Methodologies to Enhance Efficiency
- › 4.5 Review and Adjust Improvement Initiatives for Optimization
- › 4.6 Foster a Culture of Continuous Improvement in the Workplace

• 5 Sustaining Continuous Improvement Over Time — 6 classes

- › 5.1 Define Continuous Improvement: Key Concepts and Terminology
- › 5.2 Assess Current Continuous Improvement Practices in Your Organization
- › 5.3 Identify Barriers to Sustaining Continuous Improvement Efforts
- › 5.4 Develop Strategies for Overcoming Resistance to Change
- › 5.5 Implement Metrics for Evaluating Continuous Improvement Success
- › 5.6 Create an Action Plan for Ongoing Continuous Improvement Engagement

• 1 Understanding Crisis Management Principles in the Chemical Sector — 6 classes

- › 1.1 Define and Identify Key Concepts of Crisis Management
- › 1.2 Analyze the Unique Challenges in Chemical Sector Crises
- › 1.3 Explore the Importance of Preparation and Planning
- › 1.4 Assess Risk and Impact through Scenario Analysis
- › 1.5 Develop Effective Communication Strategies During Crises
- › 1.6 Implement Continuous Improvement in Crisis Management Practices

• 2 Risk Assessment and Impact Analysis in Chemical Operations — 6 classes

- › 2.1 Identify Key Risks in Chemical Operations
- › 2.2 Analyze Potential Impact of Identified Risks
- › 2.3 Develop Risk Scenarios for Chemical Incident Response
- › 2.4 Assess Vulnerability of Chemical Processes to Risks
- › 2.5 Prioritize Risks Based on Impact and Likelihood
- › 2.6 Create Action Plans for Mitigation of High-Priority Risks

• 3 Crisis Communication Strategies for Chemical Companies — 6 classes

- › 3.1 Identify Key Stakeholders in Crisis Communication
- › 3.2 Develop Clear Messaging Strategies for Chemical Emergencies
- › 3.3 Implement Effective Channels for Crisis Communication
- › 3.4 Train Teams on Crisis Communication Protocols
- › 3.5 Evaluate the Impact of Communication during a Crisis
- › 3.6 Create a Post-Crisis Communication Review Process

• 4 Crisis Response Planning and Implementation for Chemical Incidents — 6 classes

- › 4.1 Assess Chemical Risks and Hazards
- › 4.2 Develop Effective Crisis Response Strategies
- › 4.3 Design Contingency Plans for Chemical Incidents
- › 4.4 Implement Crisis Communication Protocols
- › 4.5 Conduct Crisis Simulation Exercises
- › 4.6 Evaluate and Improve the Crisis Response Plan

• 5 Post-Crisis Recovery and Continuous Improvement in Chemical Firms — 6 classes

- › 5.1 Assess Post-Crisis Impact on Operations
- › 5.2 Develop a Comprehensive Recovery Plan
- › 5.3 Engage Stakeholders in Recovery Processes
- › 5.4 Implement Recovery Strategies in Practice
- › 5.5 Conduct Post-Recovery Evaluations and Feedback
- › 5.6 Foster a Culture of Continuous Improvement

• 1 Fundamentals of Risk Assessment in the Chemical Industry — 6 classes

- › 1.1 Define Key Concepts of Risk in the Chemical Industry
- › 1.2 Identify Common Hazards and Threats in Chemical Operations
- › 1.3 Assess Vulnerabilities in Chemical Processes and Infrastructure
- › 1.4 Analyze the Impact of Risks on Business Operations
- › 1.5 Develop Mitigation Strategies for Identified Risks
- › 1.6 Implement and Monitor Risk Management Plans in Chemical Companies

• 2 Evaluating Risks: Qualitative and Quantitative Approaches — 6 classes

- › 2.1 Identify Key Risks in Chemical Operations
- › 2.2 Analyze Risks Using Qualitative Methods
- › 2.3 Apply Quantitative Techniques to Risk Assessment
- › 2.4 Compare Qualitative and Quantitative Approaches
- › 2.5 Develop a Risk Evaluation Matrix for Decision-Making
- › 2.6 Create a Risk Management Action Plan

• 3 Regulatory Compliance and Standards in Risk Management — 6 classes

- › 3.1 Understand Regulatory Frameworks in Risk Management
- › 3.2 Identify Key Standards Relevant to Chemical Companies
- › 3.3 Analyze the Impact of Non-Compliance on Business Operations
- › 3.4 Develop Strategies for Meeting Compliance Requirements
- › 3.5 Evaluate Risk Management Practices Against Regulatory Standards
- › 3.6 Implement Continuous Improvement for Compliance and Risk Management

• 4 Developing Risk Mitigation Strategies — 6 classes

- › 4.1 Identify Critical Risks in Chemical Operations
- › 4.2 Analyze Impact of Risks on Business Continuity
- › 4.3 Evaluate Existing Mitigation Measures
- › 4.4 Develop Targeted Risk Mitigation Strategies
- › 4.5 Implement Risk Mitigation Solutions
- › 4.6 Review and Adjust Mitigation Strategies Effectively

• 5 Continuous Monitoring and Improvement of Risk Management Plans — 6 classes

- › 5.1 Identify Key Performance Indicators for Risk Management
- › 5.2 Develop a Framework for Continuous Monitoring
- › 5.3 Implement Real-Time Data Collection Techniques
- › 5.4 Analyze Monitoring Data to Identify Trends and Gaps
- › 5.5 Revise Risk Management Plans Based on Findings
- › 5.6 Engage Stakeholders in the Improvement Process

• 1 Understanding Business Continuity Concepts in Chemical Industries — 6 classes

- › 1.1 Define Key Business Continuity Terms in Chemical Industries
- › 1.2 Identify Regulatory Requirements Affecting Chemical Sector Continuity
- › 1.3 Analyze Potential Risks and Impacts on Chemical Operations
- › 1.4 Develop a Business Continuity Framework for Chemical Companies
- › 1.5 Implement Effective Communication Strategies During Crises
- › 1.6 Evaluate Business Continuity Plans Through Real-World Scenarios

• 2 Identifying Stakeholders and Their Roles in Chemical Business Continuity — 6 classes

- › 2.1 Define Key Stakeholders in Chemical Business Continuity
- › 2.2 Map Stakeholder Interests and Concerns
- › 2.3 Analyze the Roles of Internal Stakeholders
- › 2.4 Evaluate the Contributions of External Stakeholders
- › 2.5 Develop Stakeholder Communication Strategies
- › 2.6 Create an Action Plan for Engaging Stakeholders

• 3 Effective Communication Strategies for Business Continuity Management — 6 classes

- › 3.1 Identify Key Messages for Business Continuity Communication
- › 3.2 Develop Audience-Specific Communication Strategies
- › 3.3 Utilize Various Communication Channels Effectively
- › 3.4 Create Engaging Content for Business Continuity Messaging
- › 3.5 Implement Feedback Mechanisms in Communication
- › 3.6 Evaluate and Adapt Communication Strategies Post-Exercise

• 4 Training Techniques for Business Continuity in Chemical Environments — 6 classes

- › 4.1 Identify Effective Training Techniques for Chemical Safety
- › 4.2 Develop Communication Strategies for Emergency Response
- › 4.3 Design Interactive Training Modules for Staff Engagement
- › 4.4 Implement Scenario-Based Drills for Practical Application
- › 4.5 Evaluate Training Outcomes to Enhance Business Continuity
- › 4.6 Foster a Culture of Continuous Learning in Chemical Environments

• 5 Assessing the Impact of Training on Business Continuity Readiness — 6 classes

- › 5.1 Identify Key Training Objectives for Business Continuity
- › 5.2 Evaluate Current Training Programs Impact on Readiness
- › 5.3 Engage Stakeholders in Training Needs Assessment
- › 5.4 Develop Metrics to Measure Training Effectiveness
- › 5.5 Analyze Case Studies: Training Success Stories in Business Continuity
- › 5.6 Create an Action Plan to Enhance Training Initiatives